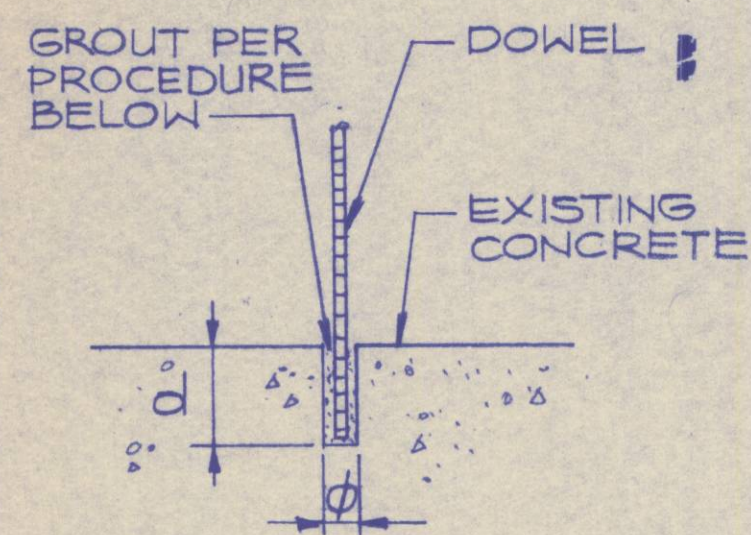


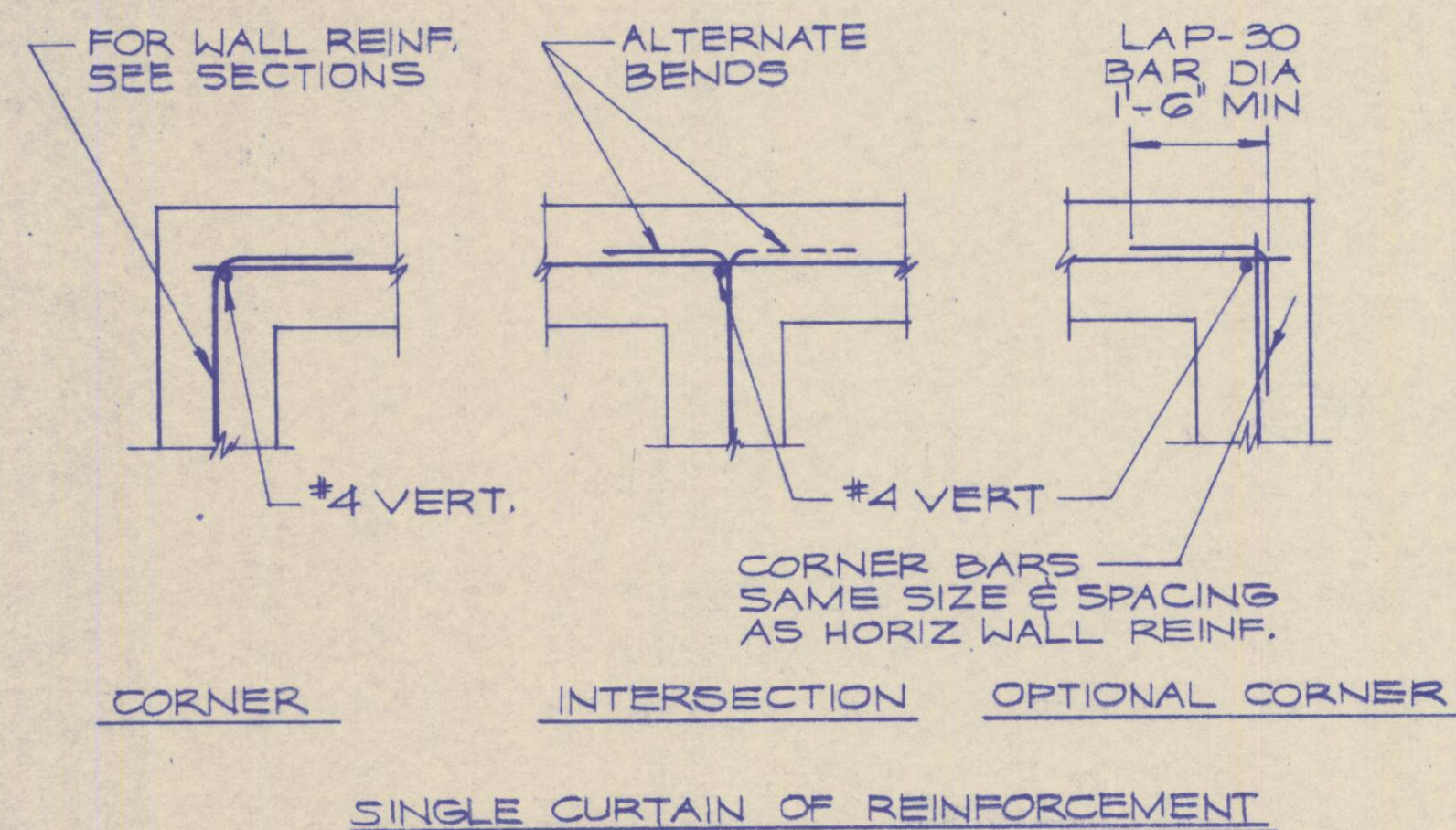
BAR SIZE	HOLE DIAM ϕ	HOLE DEPTH
#4	7/8"	8"



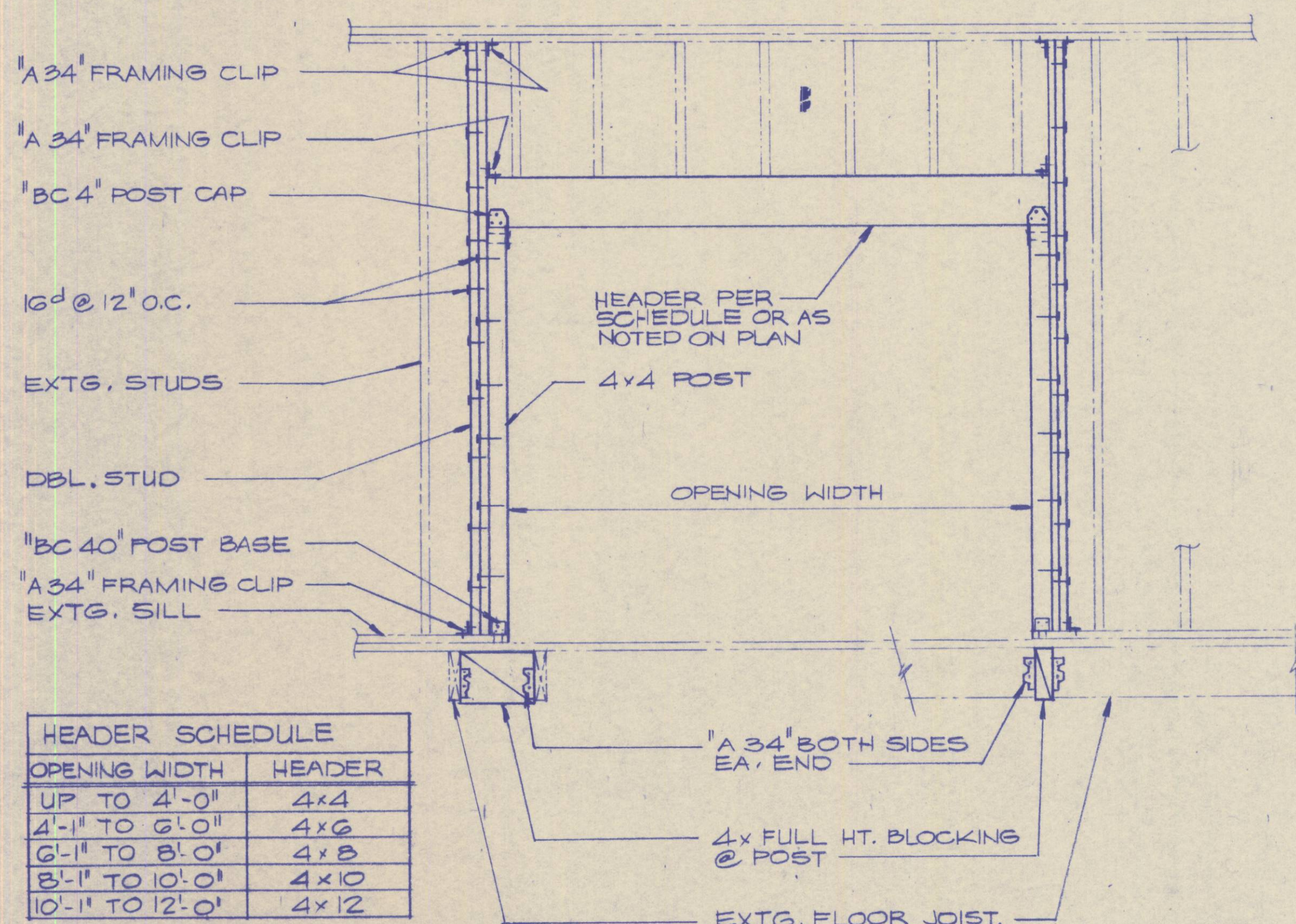
PROCEDURE FOR GROUTING

1. DRILL HOLE - DO NOT DRILL OR CORE THROUGH EXISTING REINFORCING STEEL. RELOCATE HOLE LOCATION AS REQUIRED TO CLEAR EXISTING REINFORCEMENT.
2. THOROUGHLY VACUUM CLEAN AND DRY HOLES.
3. BY MEANS OF A SUITABLE CAULKING GUN, PLACE A SUFFICIENT AMOUNT OF EPOXY GROUT IN HOLE.
4. INSERT DOWEL INTO HOLE, FORCING THE EPOXY GROUT AROUND THE SIDE OF THE BAR. COMPLETELY FILL THE VOID BETWEEN THE BAR AND THE SIDE OF THE HOLE.
5. PROVIDE ADEQUATE SUPPORT FOR ALL DOWELS UNTIL EPOXY GROUT HAS CURED.

1 DOWEL CONNECTION



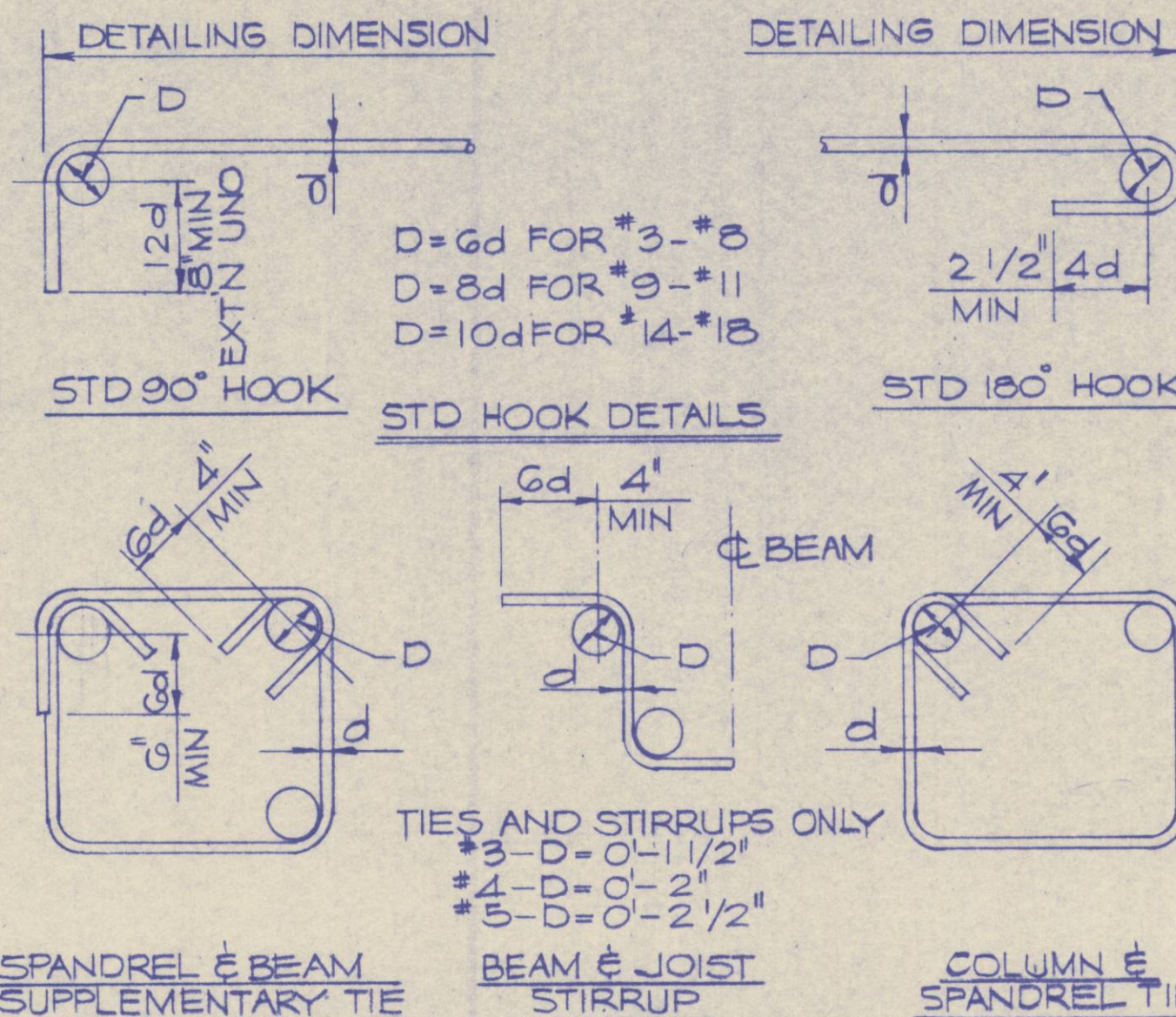
4 REINF. AT CONCRETE INTERSECTIONS



OPENING WIDTH	HEADER
UP TO 4'-0"	4x4
4'-1" TO 6'-0"	4x6
6'-1" TO 8'-0"	4x8
8'-1" TO 10'-0"	4x10
10'-1" TO 12'-0"	4x12

HEADER FRAMING AT NEW OPENING IN EXISTING NON-BEARING WALL

7



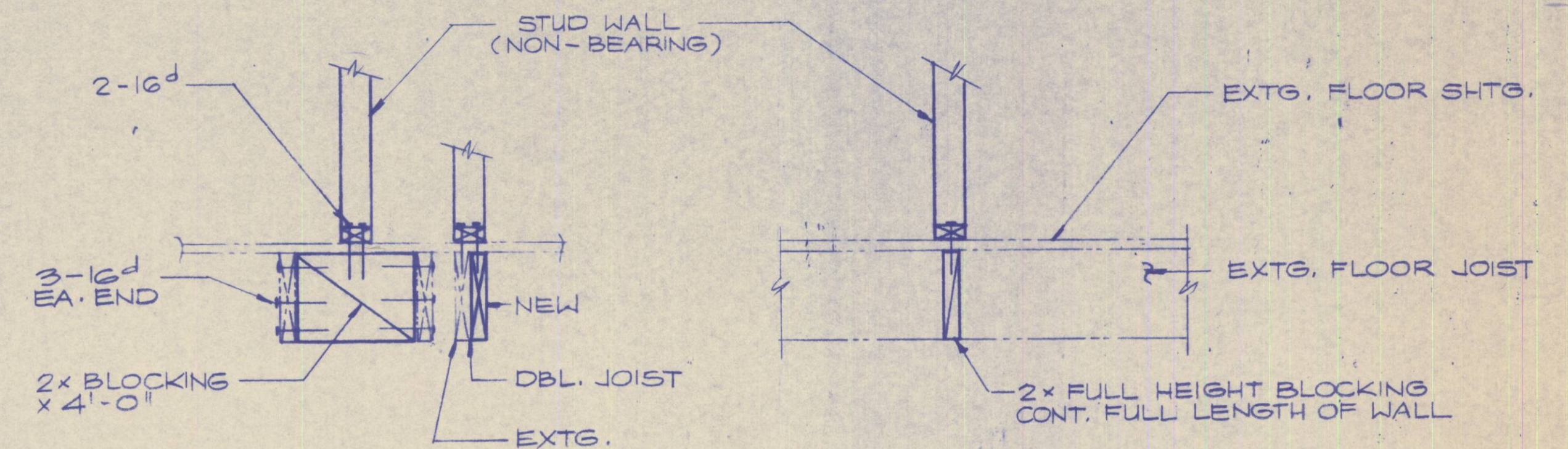
2 BAR BENDING DETAIL

WASHER SCHEDULE

1. WASHERS SHALL BE USED UNDER HEADS AND NUTS OF ALL BOLTS BEARING ON WOOD. THE WASHERS LISTED BELOW SHALL BE USED IN THE FOLLOWING LOCATIONS:
 - a) SOLE PLATE TO FOUNDATION
 - b) WOOD LEDGERS AND CAPS TO CONCRETE AND MASONRY WALLS
 - c) AGAINST THE 2x MEMBER WHEN THE 2x MEMBER IS BOLTED AGAINST A HEAVIER MEMBER.
 - d) STANDARD CUT WASHERS MAY BE USED ELSEWHERE UNLESS NOTED OTHERWISE ON THE DRAWINGS.

BOLT SIZE	CUT STEEL PLATE WASHERS	
	SQUARE	ROUND
1/2"	2 1/2" x 1/4"	2 1/2" x 1/4"
5/8"	2 1/2" x 1/4"	2 3/4" x 1/4"
3/4"	2 3/4" x 1/4"	3" x 5/16"
7/8"	3 1/4" x 5/16"	3 1/2" x 3/8"
1"	3 1/2" x 3/8"	4" x 7/16"

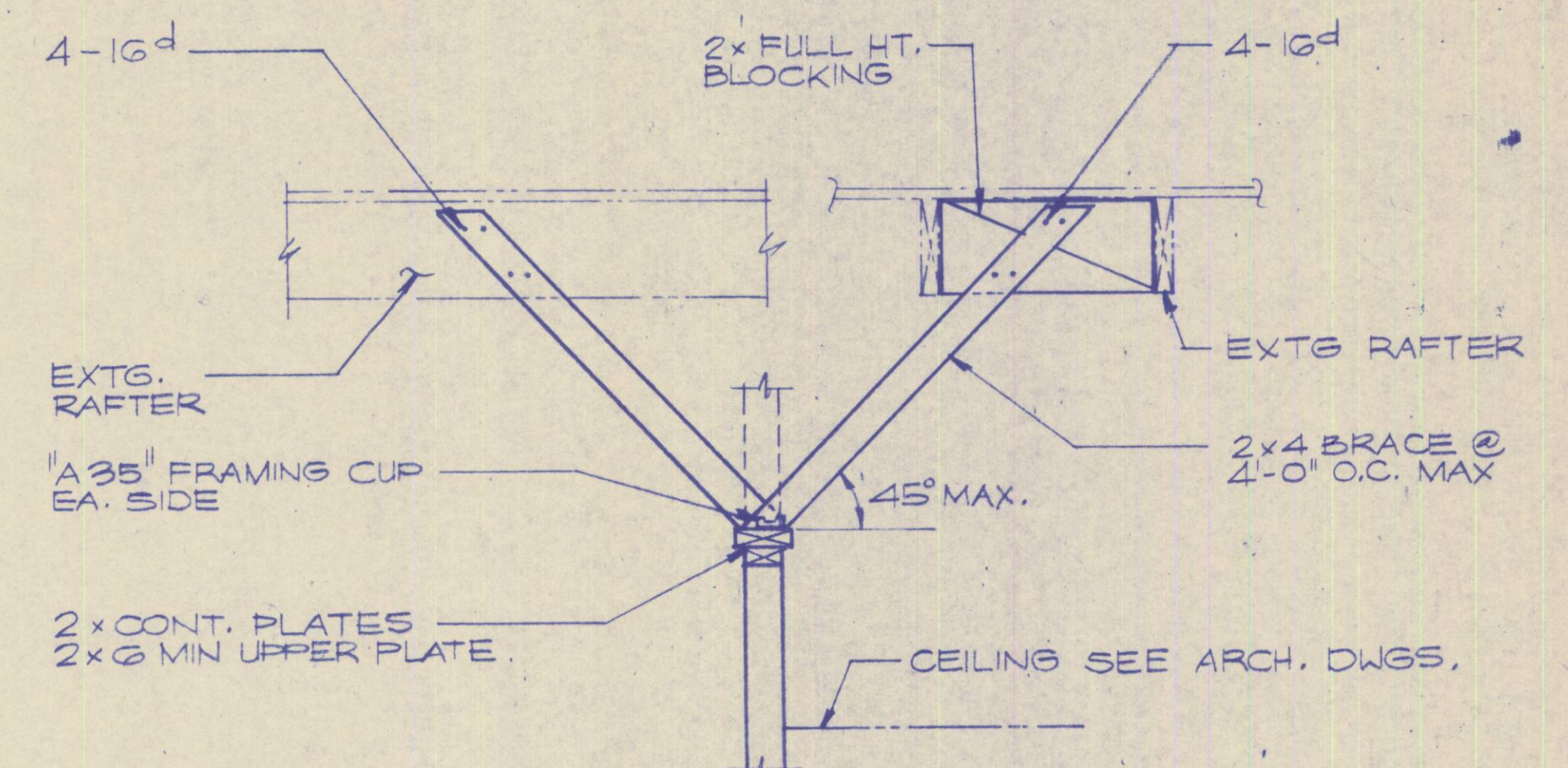
5 WASHER SCHEDULE



PARALLEL TO FRAMING

PERPENDICULAR TO FRAMING

3 NON-BRG. PARTITION BLKG.



PERPENDICULAR TO FRAMING

PARALLEL TO FRAMING

6 NON-BRG. PARTITION BRACING

GRAPHIC SCALE

MANAGER ENGINEER	DATE
SECURITY	DATE
SAFETY DIVISION	DATE
CHIEF FIRE PROTECTION	DATE
COMMUNICATIONS ENGINEER	DATE
BIOENVIRONMENTAL ENGINEER	DATE

REVISION NO.	DATE	DESCRIPTION	AGENCY	BY
Pan Am World Services, Inc.		UNITED STATES AIR FORCE		
HQ 6592d SUPPORT GROUP (AFSC)		LOS ANGELES AIR FORCE BASE		
MW		RENOVATE BUILDING 403 COMMUNITY CENTER		
DESIGNED BY		LAO 89-1028		
DRAWN BY		FORT MacARTHUR, CALIFORNIA		
CHECKED BY		LOS ANGELES AIR FORCE BASE		
SUBMITTED BY		TYPICAL DETAILS		
DATE		SPECIFICATION NO. 6592/DE 9010289		
DATE		DATE 10-6-89 SCALE AS NOTED		
DATE		DRAWING NUMBER 00403-5010289		
DATE		S-10		
DATE		SHEET 35 OF 48		